



2368/12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kevin D. Parris, William S. Somers, Amy S. Tam,
Laura L. Lin, and Mark L. Stahl

Serial No.: 09/771,383

Filed: January 25, 2001

For: CRYSTAL STRUCTURE OF ACYL CARRIER PROTEIN SYNTHASE
AND ACYL CARRIER PROTEIN SYNTHASE COMPLEX

Group Art Unit: 1645

**AMENDMENT IN RESPONSE TO MAY 10, 2001 NOTICE
TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

Commissioner for Patents
Washington, D.C. 20231

Sir:

This Amendment is submitted in response to the Notice to File Missing Parts of Nonprovisional Application that was issued on May 10, 2001 in connection with the above-identified application (a copy of which is attached hereto as Exhibit A). The Notice indicated that the application did not comply with the Sequence Rules.

Please amend the subject application as follows:

In the Specification:

Please replace the paragraph at page 9, line 10 with the following:

Figure 8 depicts the amino acid sequence of ACPS (SEQ ID NO:1) isolated from *B. subtilis*, deposited as SWISS-PROT accession number P96618.

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Please replace the paragraph at page 9, line 12 with the following:

Figure 9 illustrates the alignment of amino acid sequences for twelve members of the ACPS family, including the consensus sequence. Depicted are amino acid sequences for Aquifex (SEQ ID NO:2), Chlamydophila (SEQ ID NO:3), Helicobacter (SEQ ID NO:4), Staphylococcus (SEQ ID NO:5), Thermotoga (SEQ ID NO:6), Escherichia (SEQ ID NO:7), Rickettsia (SEQ ID NO:8), Streptomyces (SEQ ID NO:9), Treponema (SEQ ID NO:10), Bacillus (SEQ ID NO:11), Bradyrhizobium (SEQ ID NO:12), and Mycobacterium (SEQ ID NO:13).

Please attach at the end of the application pages 1-8 of the Sequence Listing (attached hereto as Exhibit F).

REMARKS

By this Amendment, Applicants have amended the specification to refer to sequence identifiers, as required by the Sequence Rules, and to add the Sequence Listing. The amendments to the specification are supported by the application as originally filed. Accordingly, entry of the amendments to the specification is respectfully requested.

Compliance with Sequence Rules

The May 10, 2001 Notice to File Missing Parts of Nonprovisional Application (Exhibit A) indicated that the application did not comply with the Sequence Rules. In response thereto, Applicants attach herewith Exhibit F, consisting of pages 1-8 of the Sequence Listing. Also enclosed is a computer-readable form containing the Sequence Listing (Exhibit G). Additionally, the specification has been amended to contain the correct sequence identifiers, as required by the Sequence Rules.

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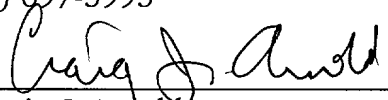
The undersigned attorney hereby certifies that the information recorded in computer-readable form is identical to the written Sequence Listing, is supported by the application as filed, and does not introduce new matter into the application as filed. In view of the above-noted amendments and these remarks, applicants respectfully submit that they have complied with the Sequence Rules. Accordingly, entry of the Sequence Listing is respectfully requested.

No fee is deemed necessary in connection with the filing of this Amendment. If any fee is required to preserve the pendency of the application, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 01-1785.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN
Attorneys for Applicants
90 Park Avenue
New York, New York 10016
(212) 697-5995

Dated: New York, New York
November 1, 2001

By: 
Craig J. Arnold
Registration No. 34,287

SCHEDULE AREDLINED VERSION

Please replace the paragraph at page 9, line 10 as follows:

Figure 8 depicts the amino acid sequence of ACPS (SEQ ID NO:1) isolated from *B. subtilis*, deposited as SWISS-PROT accession number P96618.

Please replace the paragraph at page 9, line 12 as follows:

Figure 9 illustrates the alignment of amino acid sequences for twelve members of the ACPS family, including the consensus sequence. Depicted are amino acid sequences for Aquifex (SEQ ID NO:2), Chlamydomophila (SEQ ID NO:3), Helicobacter (SEQ ID NO:4), Staphylococcus (SEQ ID NO:5), Thermotoga (SEQ ID NO:6), Escherichia (SEQ ID NO:7), Rickettsia (SEQ ID NO:8), Streptomyces (SEQ ID NO:9), Treponema (SEQ ID NO:10), Bacillus (SEQ ID NO:11), Bradyrhizobium (SEQ ID NO:12), and Mycobacterium (SEQ ID NO:13).